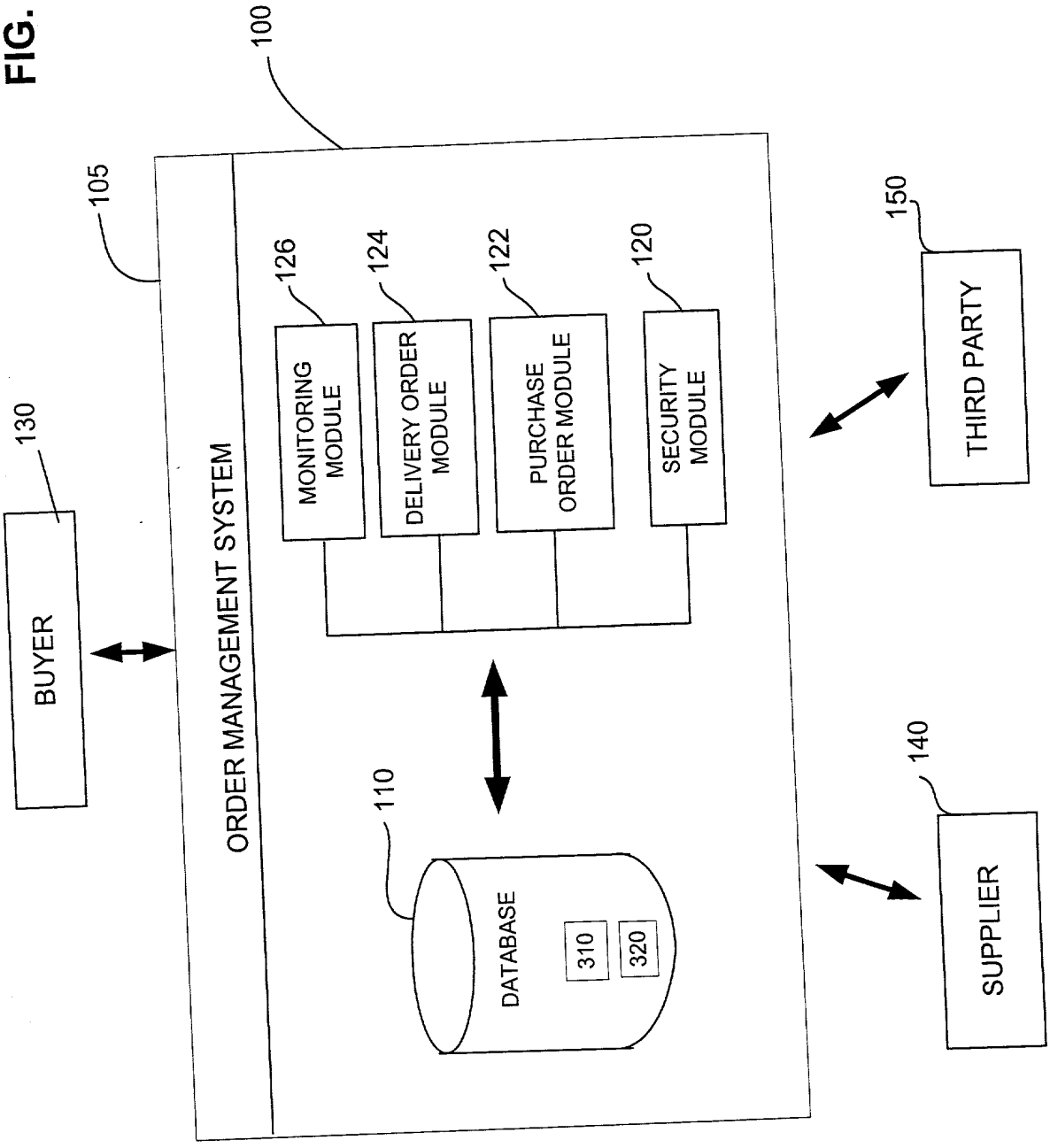
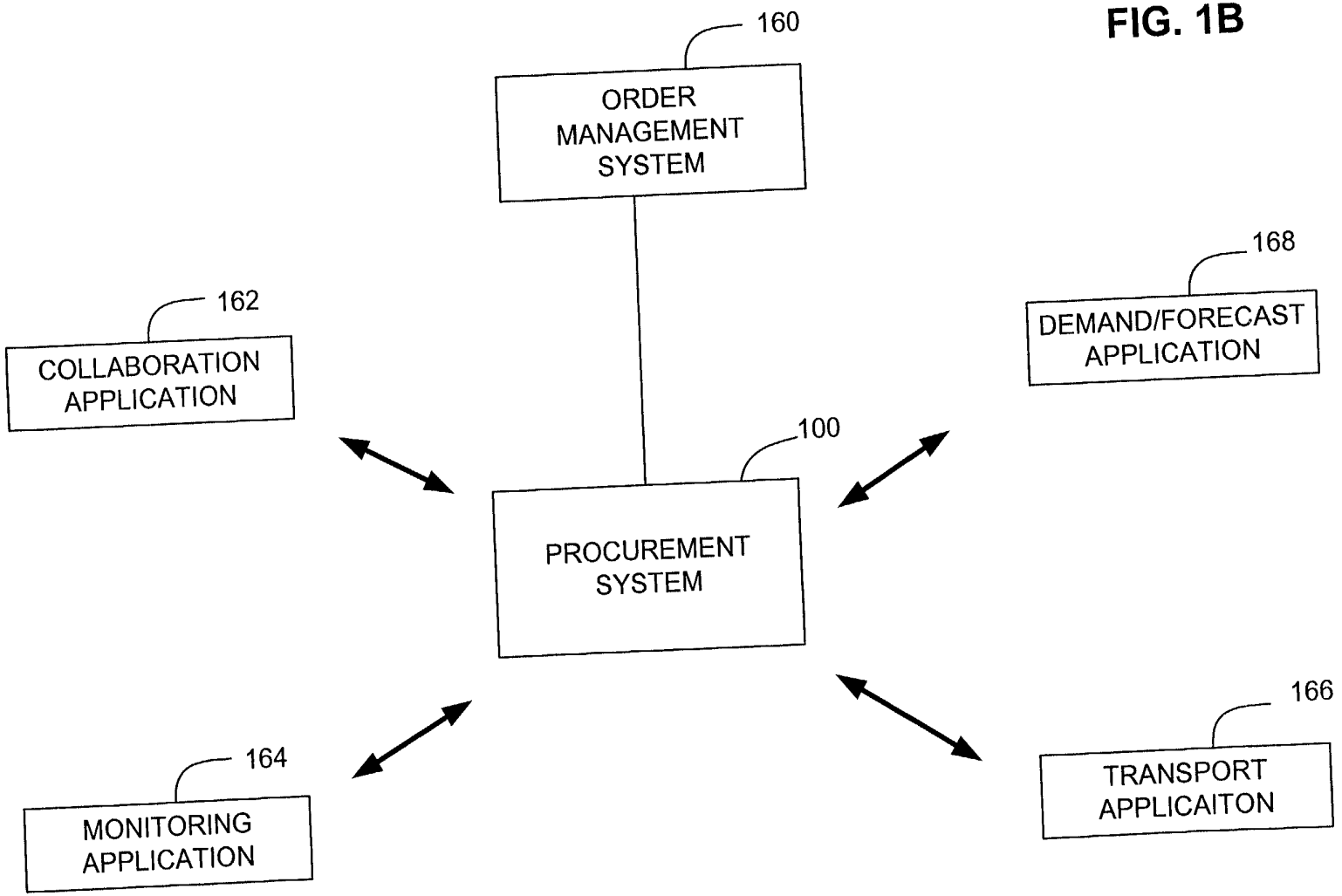
FIG. 1A


100
105
ORDER MANAGEMENT SYSTEM
MONITORING MODULE
126
DELIVERY ORDER MODULE
124
PURCHASE ORDER MODULE
122
SECURITY MODULE
120
DATABASE
110
310
320
BUYER
130
THIRD PARTY
150
SUPPLIER
140

DRAFT SUBMITTED

FIG. 1B



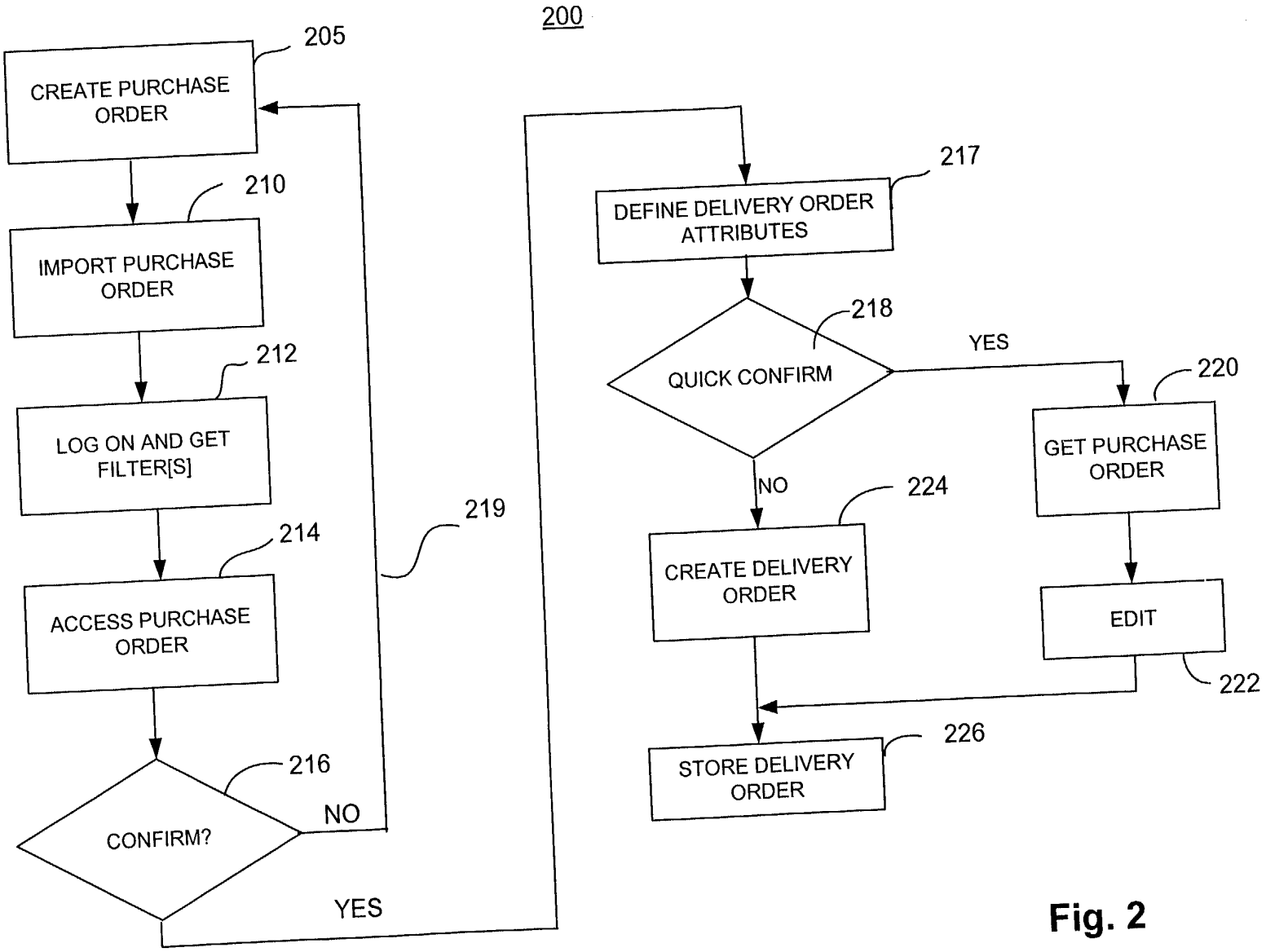

200
205
CREATE PURCHASE ORDER
210
IMPORT PURCHASE ORDER
212
LOG ON AND GET FILTER[S]
214
ACCESS PURCHASE ORDER
216
CONFIRM?
NO
YES
219
217
DEFINE DELIVERY ORDER ATTRIBUTES
218
QUICK CONFIRM
YES
220
GET PURCHASE ORDER
NO
224
CREATE DELIVERY ORDER
EDIT
222
226
STORE DELIVERY ORDER

Fig. 2

FIG. 3

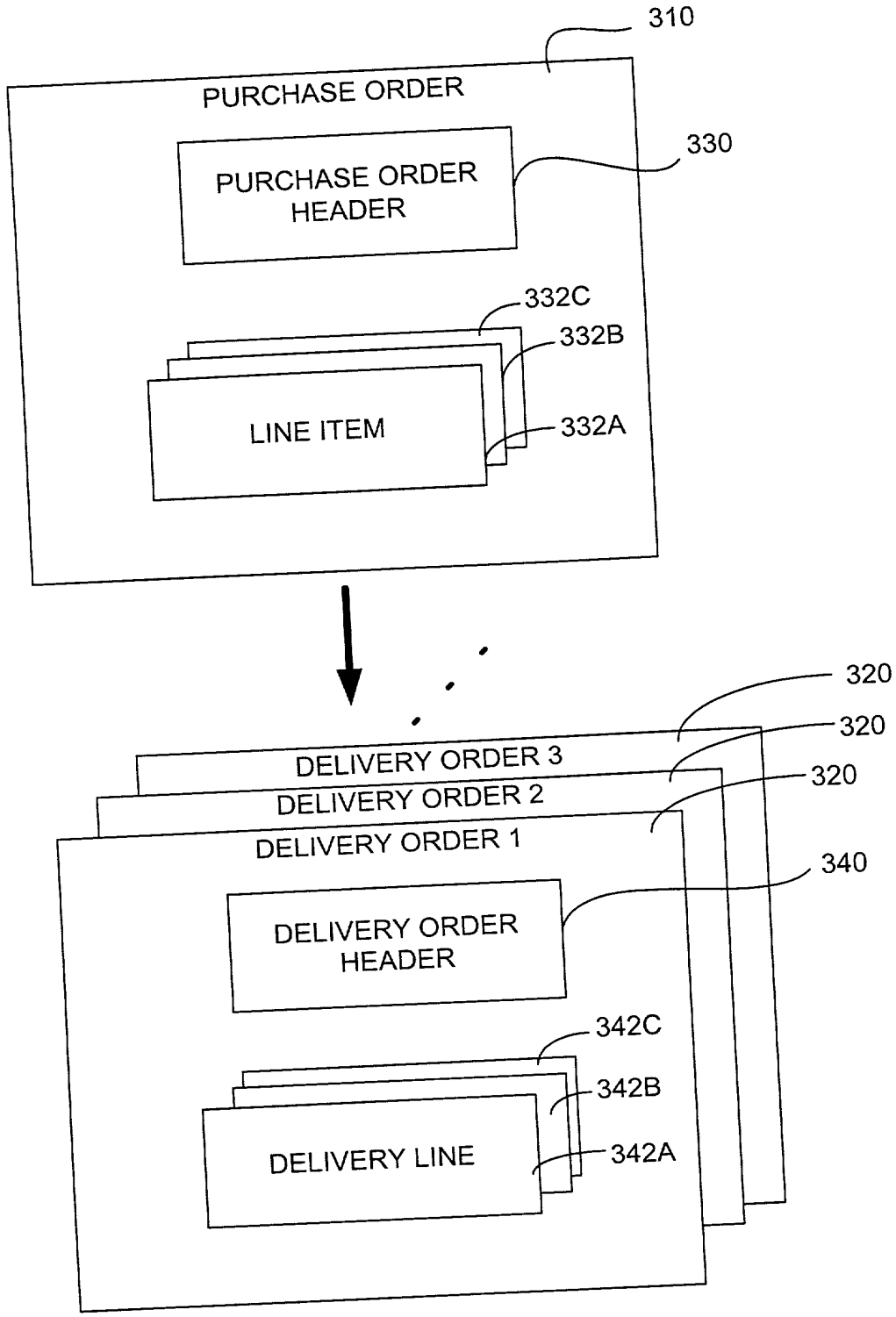
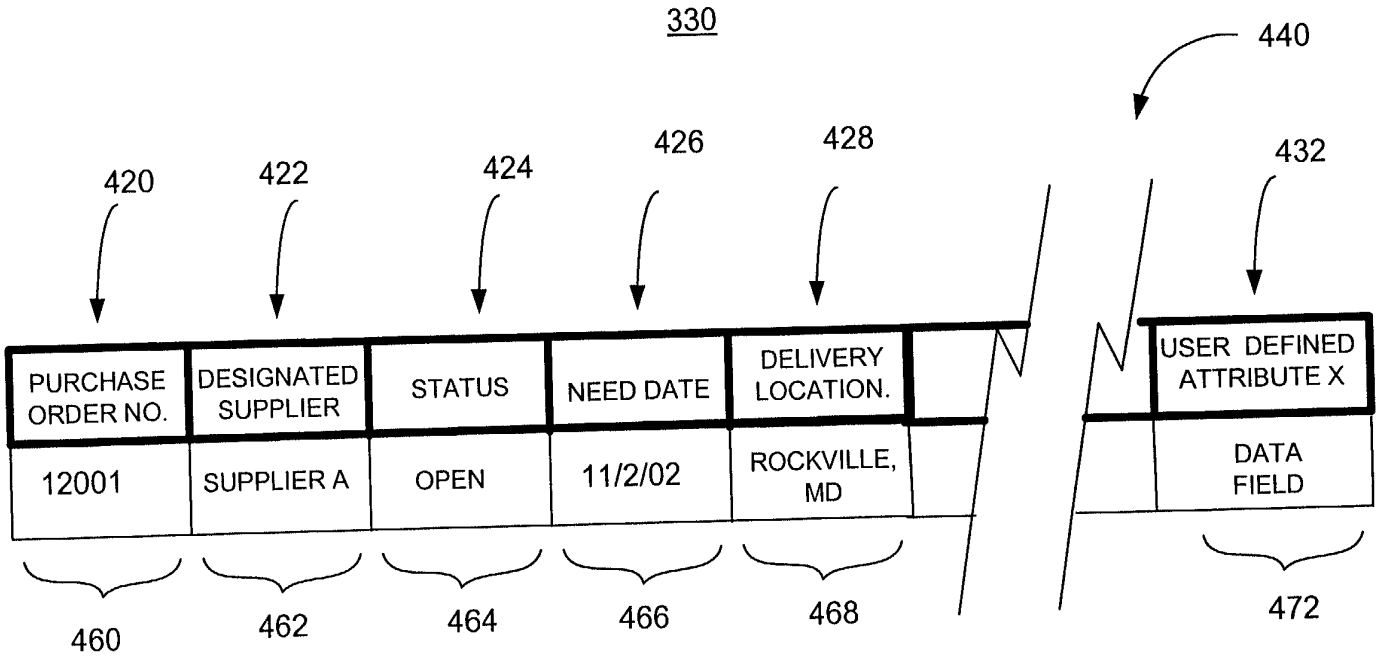

310
PURCHASE ORDER
PURCHASE ORDER HEADER
330
332C
332B
LINE ITEM
332A
320
320
320
DELIVERY ORDER 3
DELIVERY ORDER 2
DELIVERY ORDER 1
340
DELIVERY ORDER HEADER
342C
342B
DELIVERY LINE
342A

FIG. 4A


330
440
420
422
424
426
428
432
PURCHASE ORDER NO.
DESIGNATED SUPPLIER
STATUS
NEED DATE
DELIVERY LOCATION.
USER DEFINED ATTRIBUTE X
12001
SUPPLIER A
OPEN
11/2/02
ROCKVILLE, MD
DATA FIELD
460
462
464
466
468
472

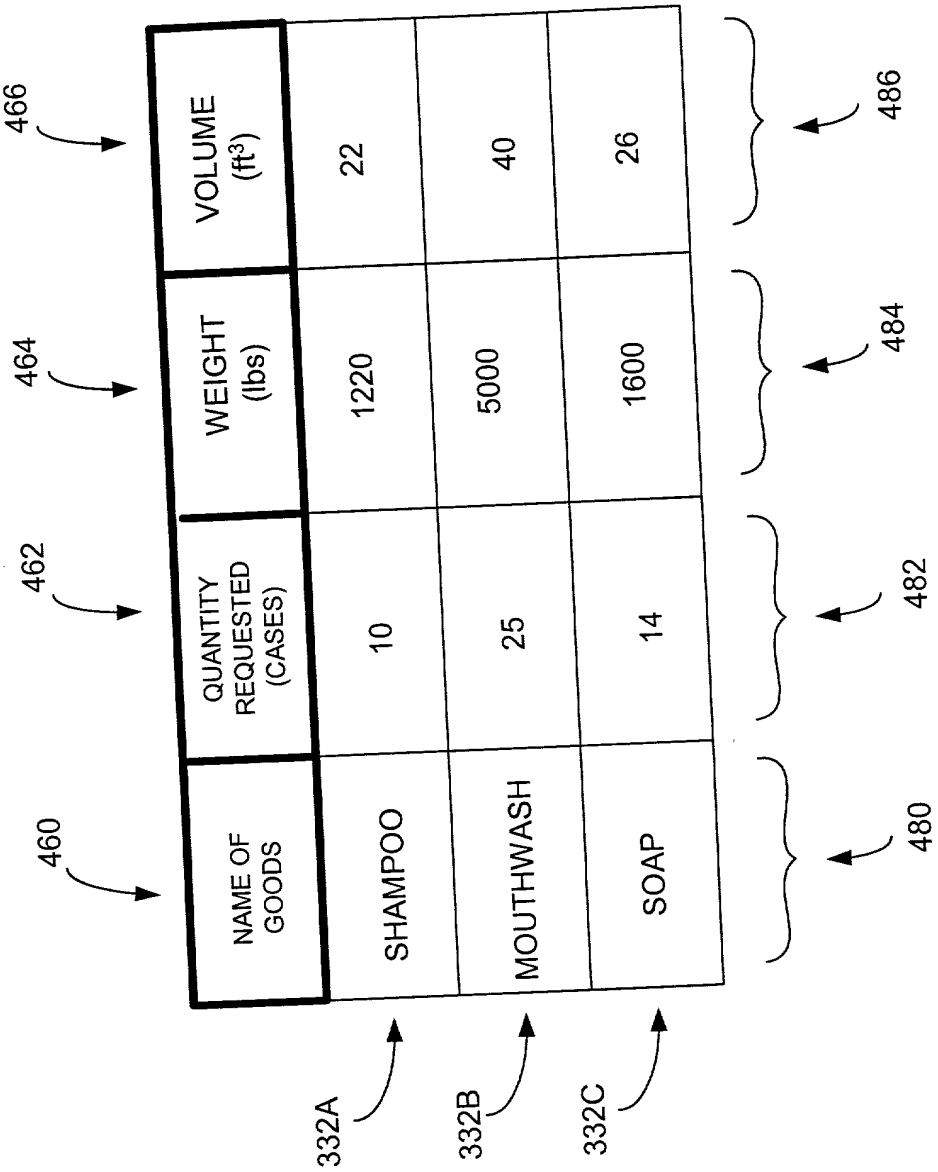

460
462
464
466
NAME OF GOODS
QUANTITY REQUESTED (CASES)
WEIGHT (lbs)
VOLUME (ft3)
SHAMPOO
10
1220
22
MOUTHWASH
25
5000
40
SOAP
14
1600
26
332A
332B
332C
480
482
484
486

Fig. 4B

FIG. 5A

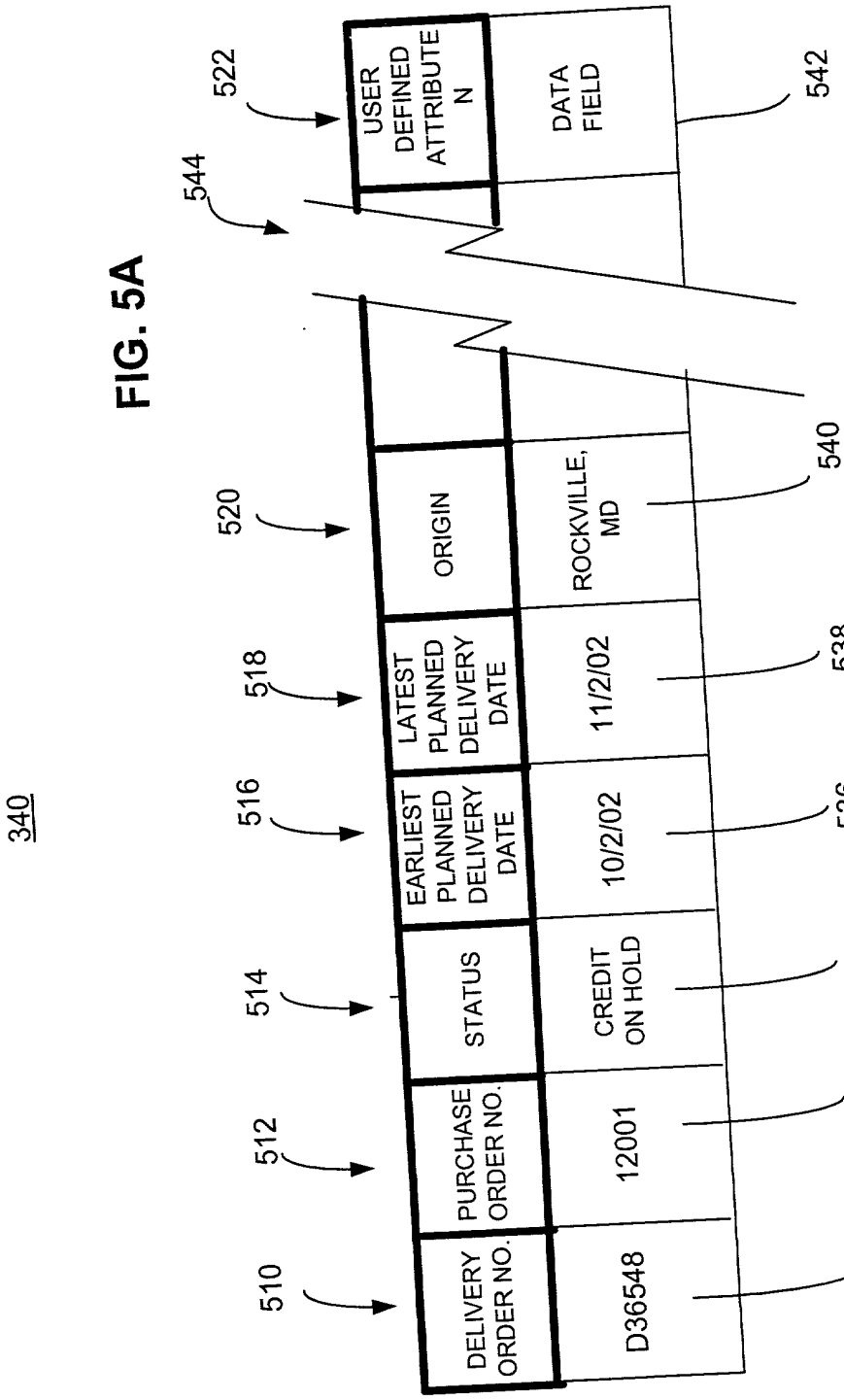
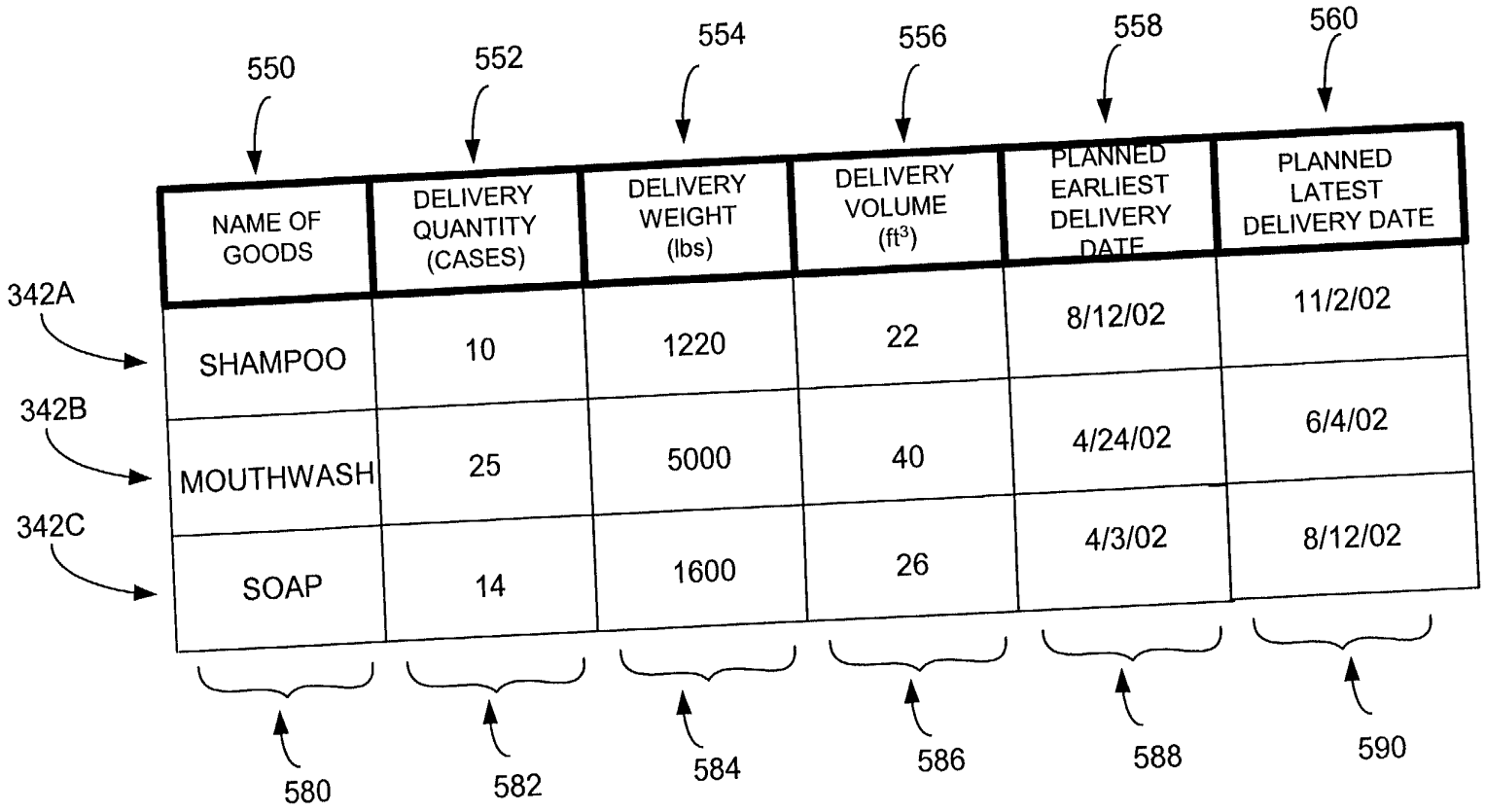

340
510
512
514
516
518
520
522
544
DELIVERY ORDER NO.
PURCHASE ORDER NO.
STATUS
EARLIEST PLANNED DELIVERY DATE
LATEST PLANNED DELIVERY DATE
ORIGIN
USER DEFINED ATTRIBUTE N
D36548
12001
CREDIT ON HOLD
10/2/02
11/2/02
ROCKVILLE, MD
DATA FIELD
530
532
534
536
538
540
542

FIG. 5B


550
552
554
556
558
560
NAME OF GOODS
DELIVERY QUANTITY (CASES)
DELIVERY WEIGHT (lbs)
DELIVERY VOLUME (ft^3)
PLANNED EARLIEST DELIVERY DATE
PLANNED LATEST DELIVERY DATE
342A
342B
342C
SHAMPOO
10
1220
22
8/12/02
11/2/02
MOUTHWASH
25
5000
40
4/24/02
6/4/02
SOAP
14
1600
26
4/3/02
8/12/02
580
582
584
586
588
590

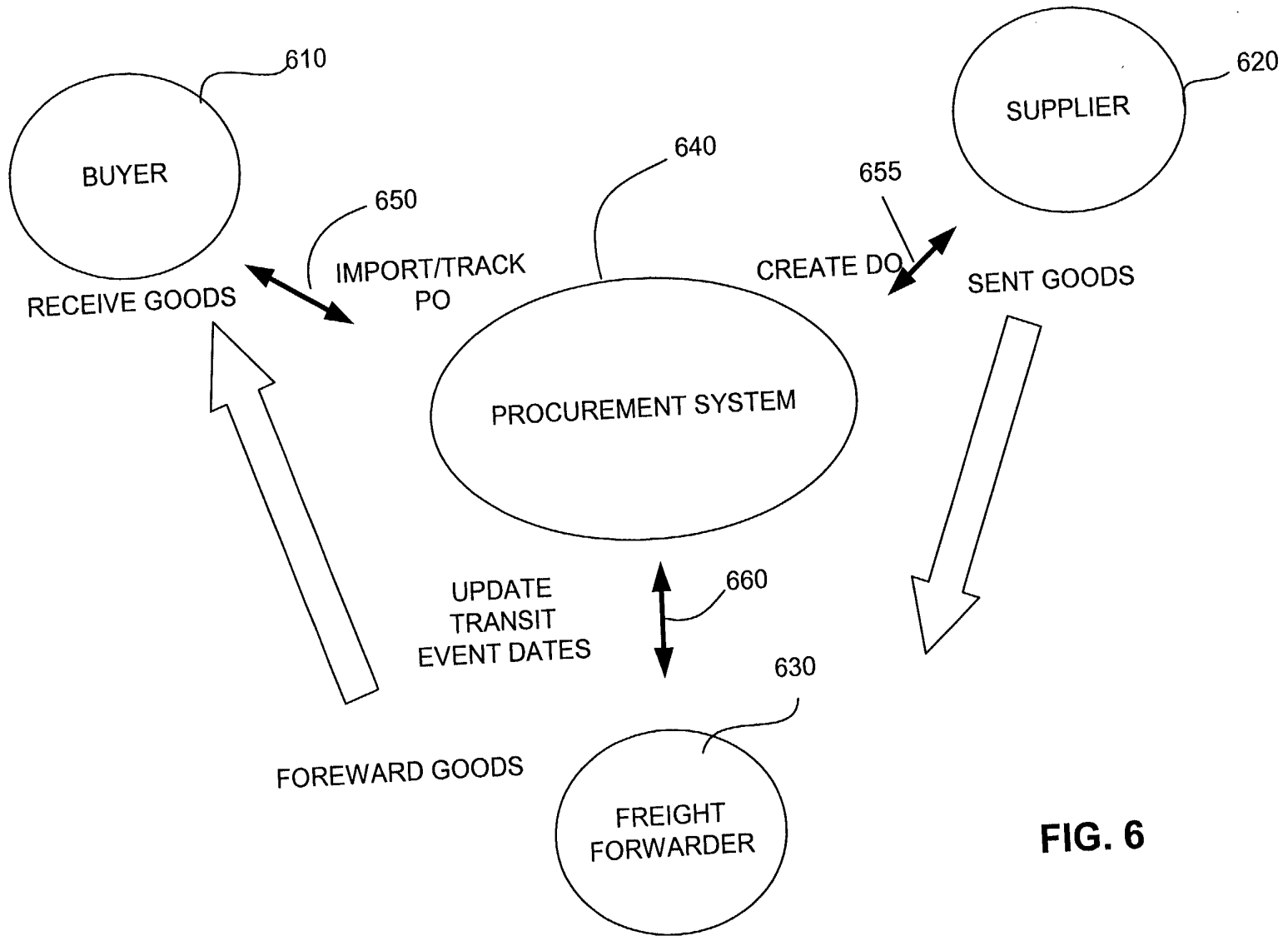

610
BUYER
620
SUPPLIER
640
650
655
IMPORT/TRACK
PO
CREATE DO
RECEIVE GOODS
SENT GOODS
PROCUREMENT SYSTEM
UPDATE
TRANSIT
EVENT DATES
660
630
FOREWARD GOODS
FREIGHT
FORWARDER

FIG. 6